

Converting Colors

YUV(111.3580, 13.6275,
-31.0090)

Have a look what the booklet for
YUV(111.3580, 13.6275, -31.0090)
contains.

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Color

**YUV(111.3580, 13.6275,
-31.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7C8B
RGB	76, 124, 139
RGB Percent	30%, 49%, 55%
CMY	0.7020, 0.5137, 0.4549
CMYK	0.45, 0.11, 0.00, 0.45
HSL	194°, 29%, 42%
HSV	194°, 45%, 55%
XYZ	14.8483, 17.8159, 27.0823
YIQ	111.3580, -33.4230, -5.5110

Conversions

Conversions Part 2

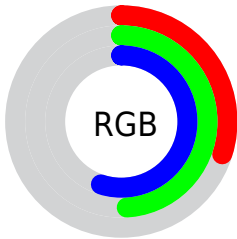
Format	Color
R_{YB}	76, 103, 139
Decimal	5012619
CIE _{Lab}	49.27, -12.06, -13.24
CIE _{LCh}	49, 17.908, 227.677
Yxy	17.8159, 0.2485, 0.2982
Android (android.graphics.Color)	4283202699 (0xFF4C7C8B)
YUV	111.3580, 13.6275, -31.0090
Hunter-Lab	42.2089, -11.0723, -8.4958

Details

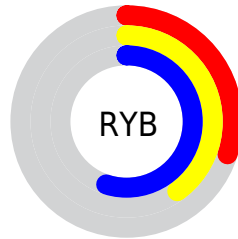
The YUV color **111.3580, 13.6275, -31.0090** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **103.6420, -13.6275, 31.0090**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0590, 13.7749, -31.6237**, and **60.7490, 13.9277, -33.9829** is the 20% darker color. If you saturate the color by 10%, you get **105.4110, 16.5594, -38.0714**, and if you desaturate by 10%, it is **117.3050, 10.6956, -23.9465**.

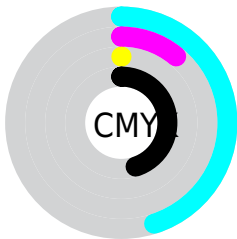
Distribution



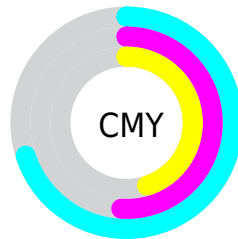
- Red (30%)
- Green (49%)
- Blue (55%)



- Red (30%)
- Yellow (40%)
- Blue (55%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3580, 13.6275, -31.0090 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 111.3580, 13.6275, -31.0090 by changing the saturation by 10% instead.

■ 111.3580, 13.6275,
-31.0090

■ 111.3580, 13.6275,
-31.0090

■ 255.0000, 0.0000,
0.0000

■ 86.0590, 13.7749,
-31.6237

■ 164.0590, 13.7749,
-31.6237

■ 60.7490, 13.9277,
-33.9829

■ 191.1730, 14.2117,
-31.7237

■ 38.0480, 13.7803,
-33.3681

■ 219.2870, 14.6485,
-31.8237

■ 23.0990, 9.8112,
-20.2578

■ 241.8440, 6.4859,
-27.0502

■ 3.3230, 10.1938,
-2.9143

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 111.3580, 13.6275,
-31.0090

■ 111.3580, 13.6275,
-31.0090

■ 105.4110, 16.5594,
-38.0714

■ 117.3050, 10.6956,
-23.9465

■ 98.8770, 19.7806,
-44.6191

■ 123.8390, 7.4744,
-17.3988

■ 92.9300, 22.7125,
-51.6816

■ 129.7860, 4.5425,
-10.3363

■ 86.9830, 25.6444,
-58.7441

■ 135.7330, 1.6106,
-3.2738

■ 80.7480, 28.7182,
-64.6770

■ 141.9680, -1.4632,
2.6591


■ 78.0680, 30.0395,
-68.4656

■ 147.9150, -4.3951,
9.7215

■ 153.8620, -7.3270,
16.7840

■ 159.8090,

-10.2588, 23.8465

 166.3430,
-13.4801, 30.3942

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110.7510, 7.5178, -31.3536



111.3580, 13.6275, -31.0090



114.2930, 15.6316, -20.4280

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



111.3580, 13.6275, -31.0090



120.0010, 1.9715, 21.0471



115.4660, -13.5407, 3.0993

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



111.3580, 13.6275, -31.0090



103.6420, -13.6275, 31.0090

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.0160, -14.3049, 14.8950



111.3580, 13.6275, -31.0090



118.9000, -4.8807, 25.5207

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



111.3580, 13.6275, -31.0090



119.1720, 9.2822, 9.4962



118.1680, -11.4218, 23.5317



113.6430, -8.6980, -10.2109

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



111.3580, 13.6275, -31.0090



116.5330, 15.0202, -10.9914



118.1680, -11.4218, 23.5317



115.6730, -14.1358, 7.3028

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



111.3580, 13.6275, -31.0090



170.0030, 5.4215, -12.2806



114.6910, -11.6797, -33.9320



84.8680, 3.5161, -7.7772



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.3580, 13.6275, -31.0090



138.1970, 21.1019, -48.4078



93.1610, 22.5986, -15.0502



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



100.3090, 11.6797, 33.9320



120.8520, 18.3140, 52.7498



121.8390, -22.5986, 15.0502



64.6630, 1.1521, 3.8035



51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 111.3580, 13.6275, -31.0090 looks on a white background.

Color Contrast Check

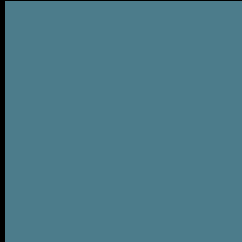
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.3580, 13.6275, -31.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.3580, 13.6275, -31.0090

Background



This preview shows how black text looks on a background with the YUV color 111.3580, 13.6275, -31.0090.



This preview shows how white text looks on a background with the YUV color 111.3580, 13.6275, -31.0090.

-31.0090.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

111.3580, 13.6275, -31.0090

Protanopia

117.4540, 8.1572, -3.0292

Deuteranopia

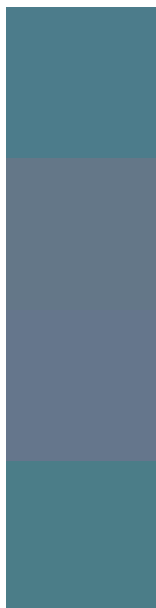
117.6760, 11.4987, -1.4699



Tritanopia

111.1900, 11.7383, -31.7386

Trichromacy



Original Color

111.3580, 13.6275, -31.0090

Protanomaly

115.2570, 10.2263, -13.3804

Deuteranomaly

115.4250, 12.1155, -12.6507

Tritanomaly

111.3040, 12.1751, -31.8386

Monochromacy



Original Color

111.3580, 13.6275, -31.0090

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1880, 4.8373, -11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3580, 13.6275, -31.0090 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(76, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(76, 124, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(76, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 124, 139) }
```

Border

The CSS property to change the border of an element to YUV 111.3580, 13.6275, -31.0090 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 124, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(76, 124, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(76, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(76, 124,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 111.3580, 13.6275, -31.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 124, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(76, 124,  
139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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